



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James L. Piller et al.  
Serial No.: 10/617,156  
Filing Date: 07/10/2003  
Title: Improving ESR of Solid  
Electrolytic Capacitors Using  
Conductive Polymer Cathodes

Attorney Docket: 31433-001  
Examiner: E W Thomas  
Group Art Unit: 2831  
Confirmation No.: 2720

**RESPONSE UNDER 37 CFR §1.112**  
**Non-Fee Amendment**

Commissioner for Patents  
Mail Stop Non-fee Amendment  
P.O. Box 1450  
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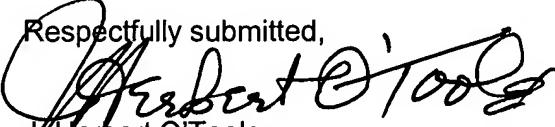
Dear Sir:

In response to the Office Action dated 01 March 2004, please amend the above-identified application as indicated below and consider the attached remarks.

Amendments to the claims are reflected in the listing of claims which commence at page 2 of this paper.

Remarks commence at page 6.

The Commissioner is authorized to charge any fees associated with this filing, as well as credit any overpayments, to Customer Deposit Account Number 08-0719.

Respectfully submitted,  
  
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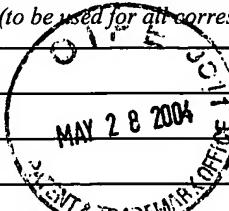
on May 28, 2004

by Jacqueline Beavers

IFW

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Serial Number	10/617,156
		Filing Date	07/10/2003
		First Named Inventor	James L. Piller et al.
		Group Art Unit	2831
		Examiner Name	E W Thomas
Total Number of Pages in This Submission		Attorney Docket No.	31433-001

**ENCLOSURES (check all that apply)**

Fee Transmittal Form	Assignment Papers <i>(for an Application)</i>	After Allowance Communication to Group
Fee Attached	Drawing(s)	Appeal Communication to Board of Appeals and Interferences
X Non-Fee Amendment Response	Licensing-related Papers	Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
After Final	Petition	Proprietary Information
X Affidavits/declaration(s)	Petition to Convert to a Provisional Application	Status Letter
Extension of Time Request	Power of Attorney, Revocation Change of Correspondence Address	X Other Enclosure(s) <i>(please identify below):</i>
Express Abandonment Request	Terminal Disclaimer	- Return Post Card
Information Disclosure Statement	Request for Refund	
Certified Copy of Priority Document(s)	CD, Number of CD(s) _____	
Response to Missing Parts/ Incomplete Application	Remarks	The Commissioner is hereby authorized to change any additional fees associated with this communication or credit any overpayment to Deposit Account No. 08-0719. A duplicate copy of this sheet is enclosed.
Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Nexsen Pruet Jacobs Pollard, LLC		
Signature	J. Herbert O'Toole		
Date	May 26, 2004		
Reg. No. 31,404			

**CERTIFICATE OF MAILING**

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